

FIG. 1

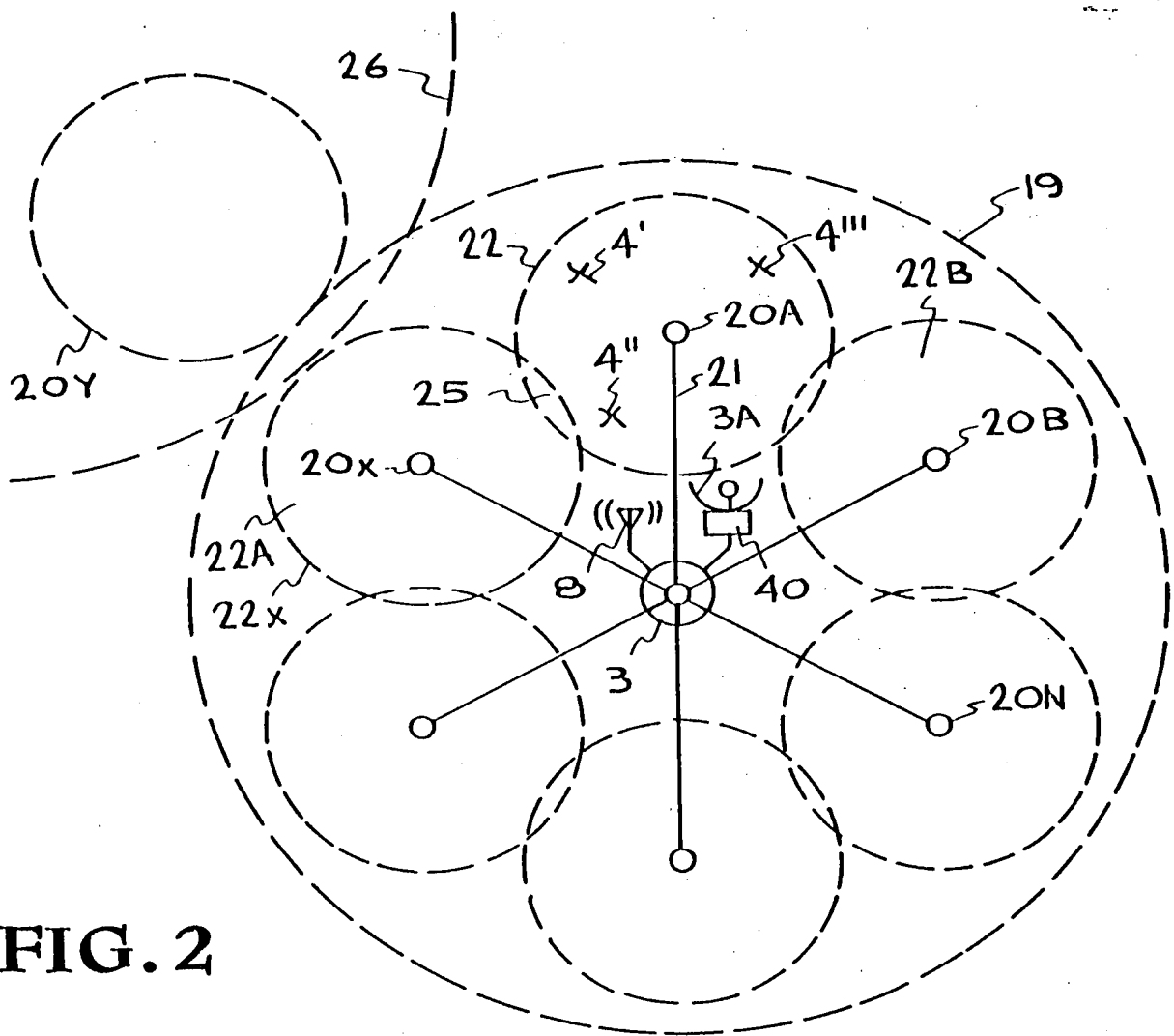


FIG. 2

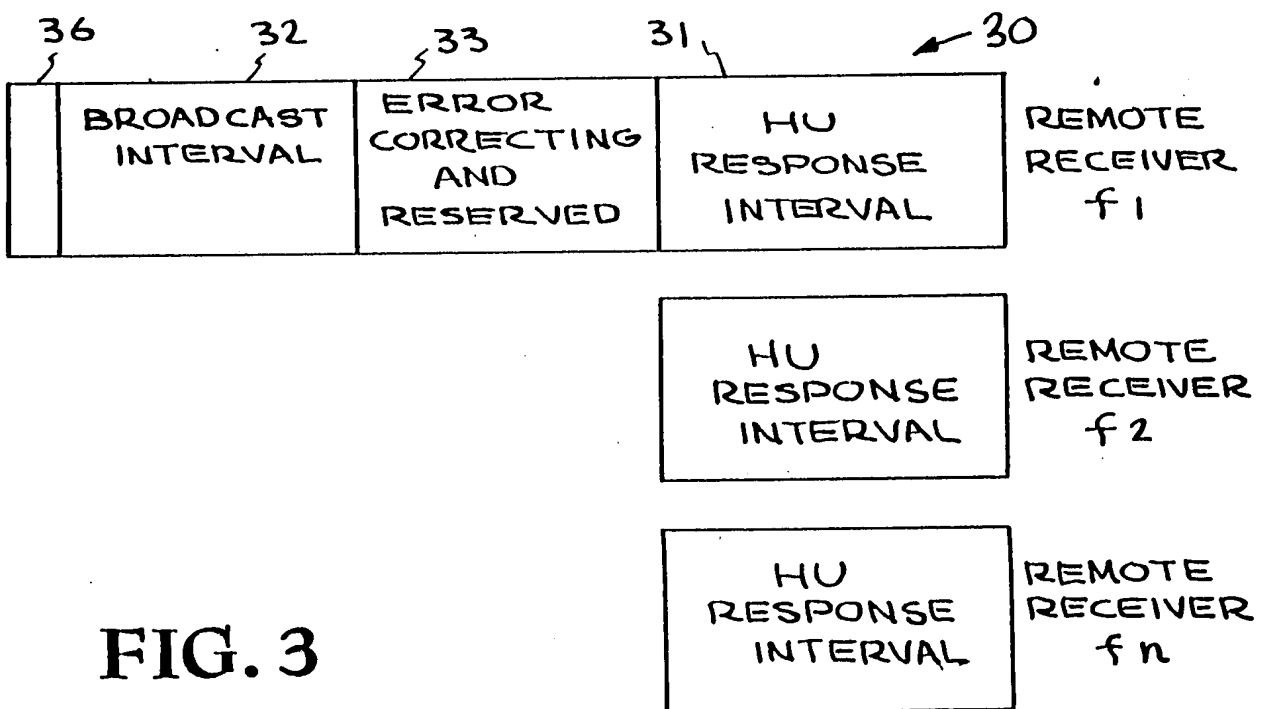


FIG. 3

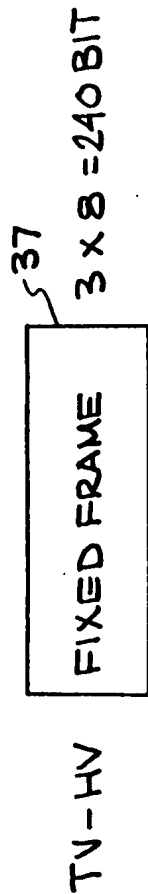
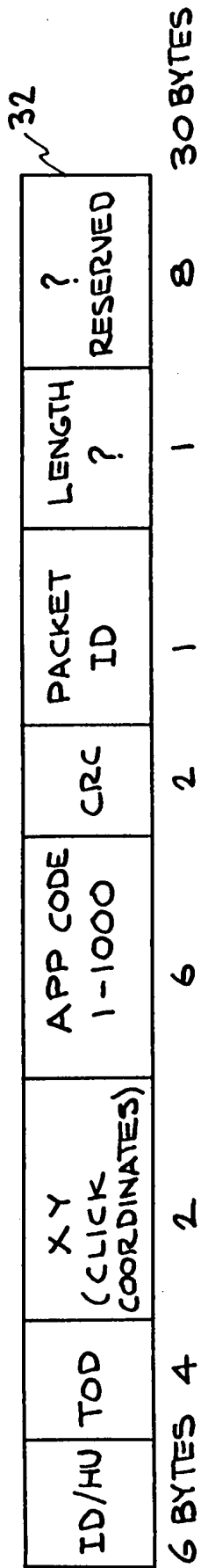


FIG. 4

SUBSCRIBER FEEDS

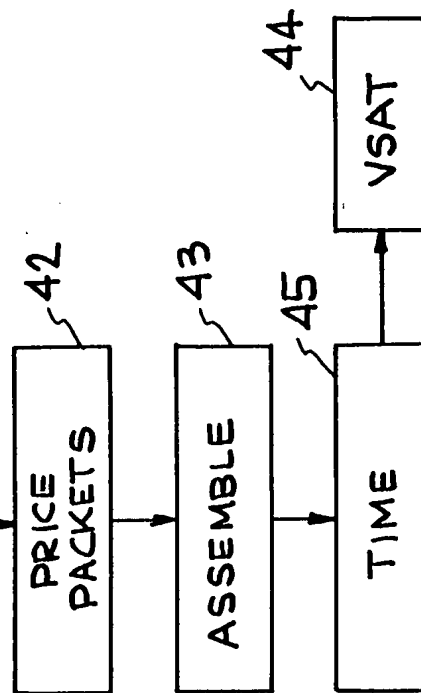
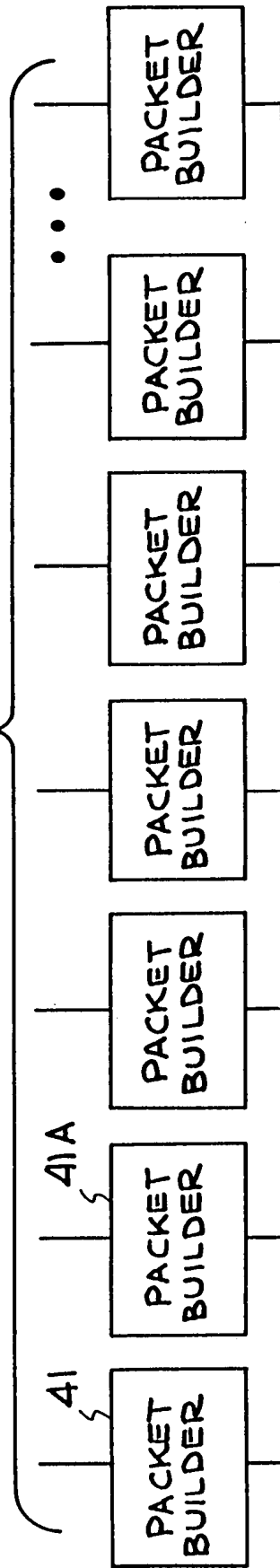


FIG. 5

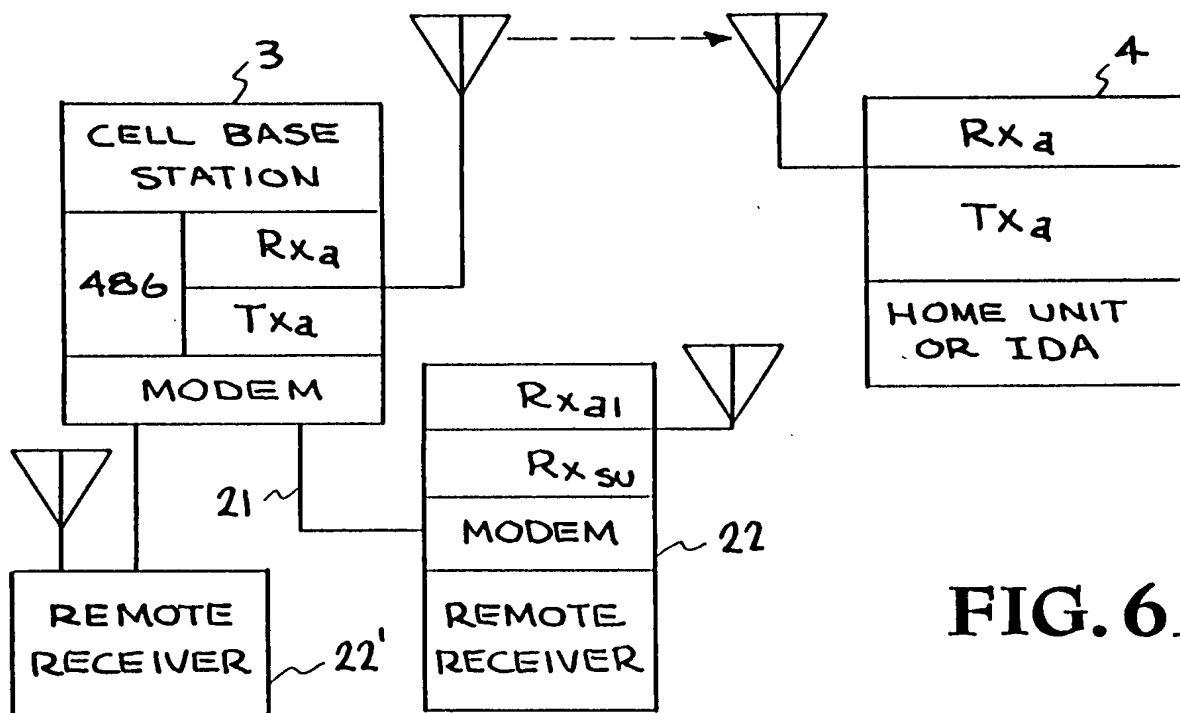


FIG. 6A

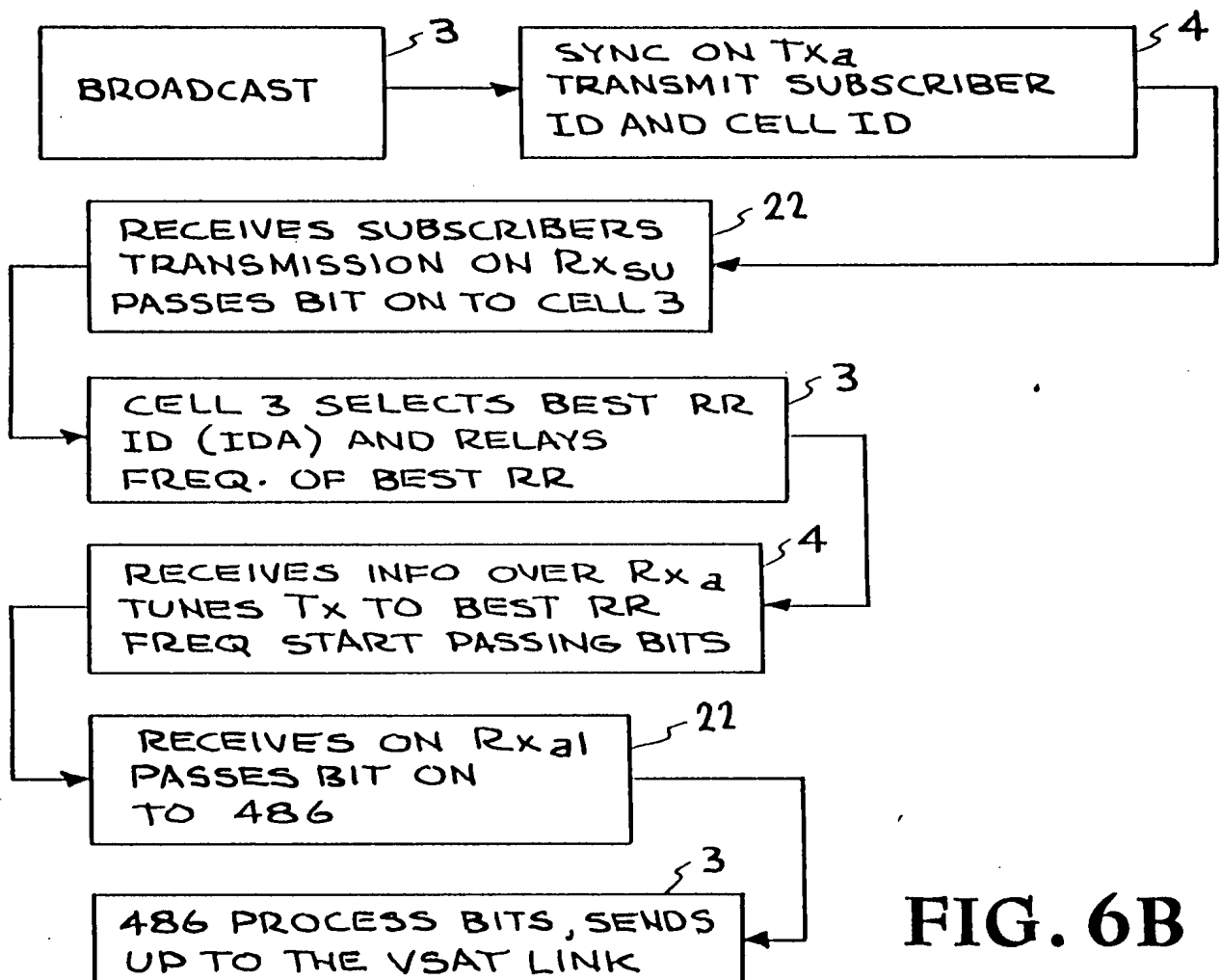
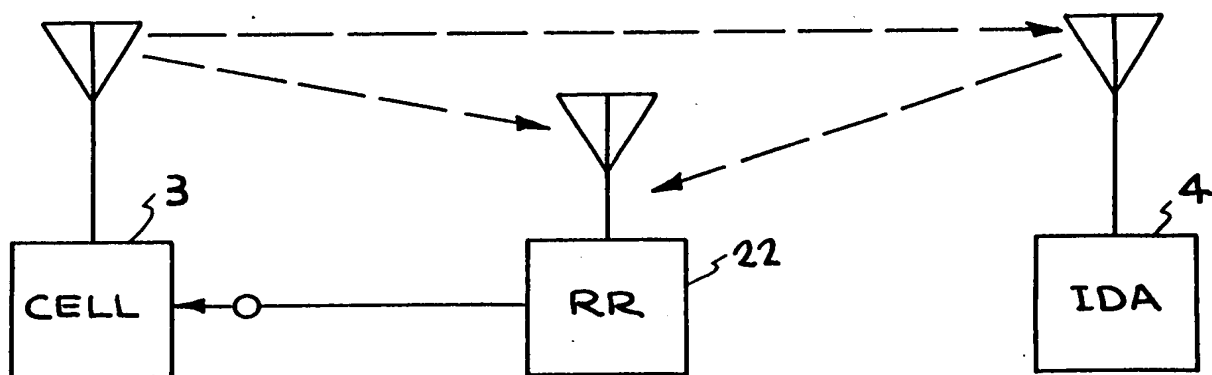
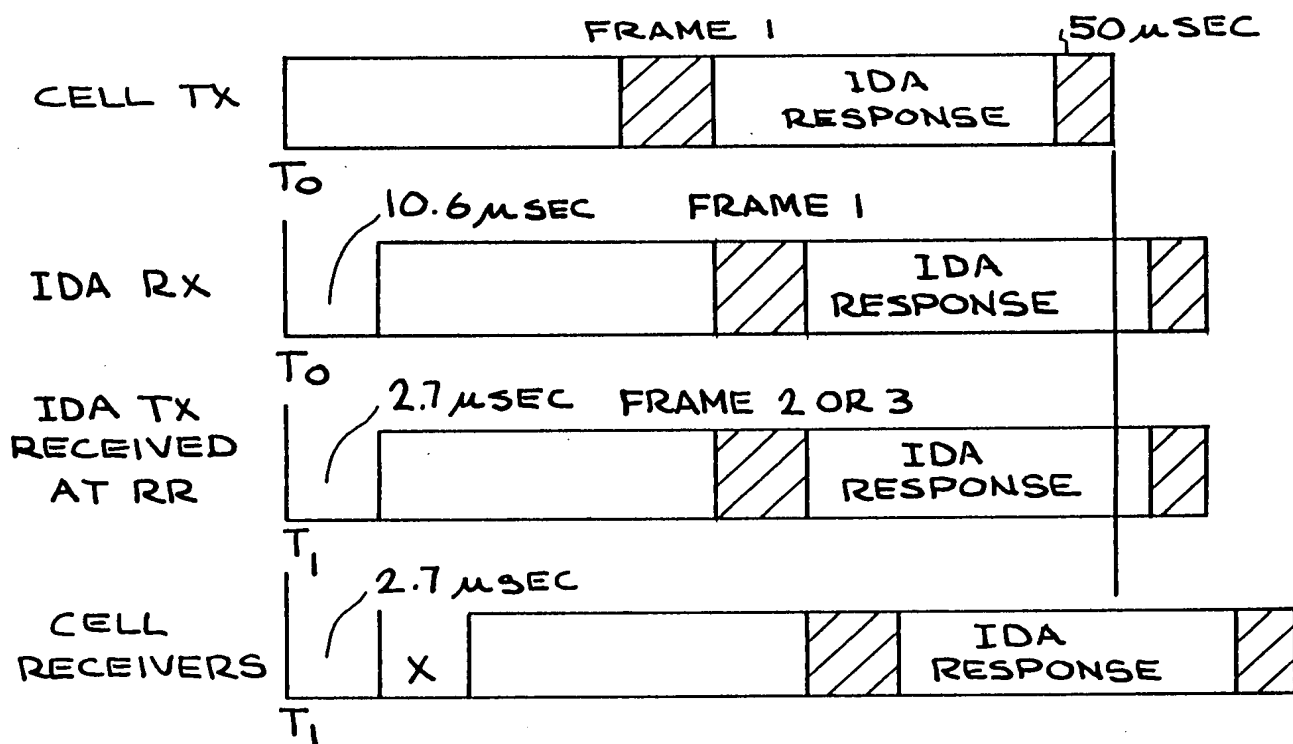


FIG. 6B



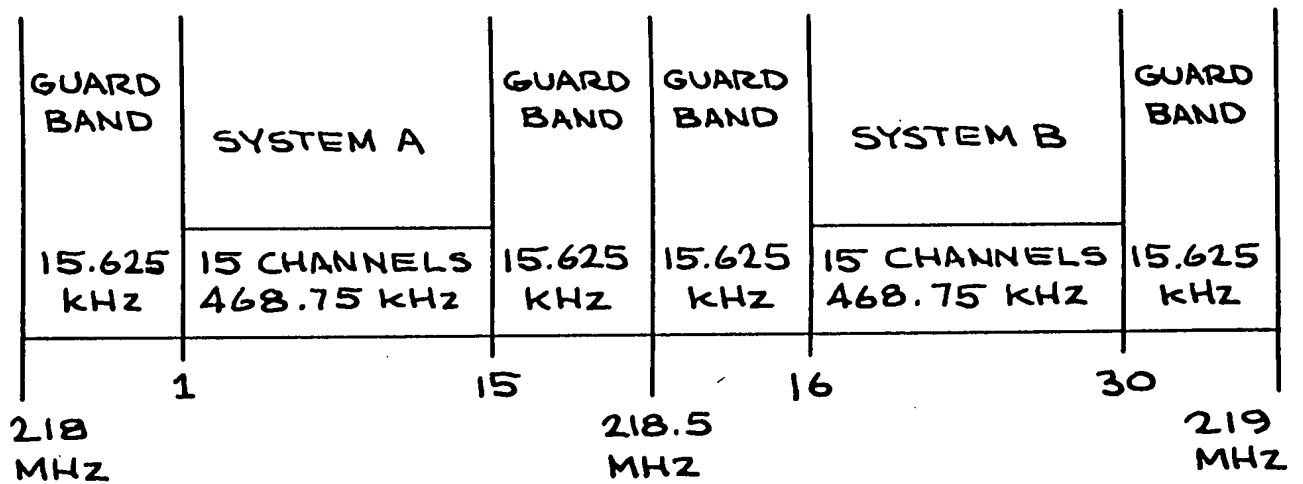
PROPOGATION TIME:  $5.3 \mu\text{SEC}$  PER MILE

FIG. 7A



$T_1 = T_0 + \text{IDA PROCESSING TIME}$   
 $X = \text{LINK DELAY BETWEEN REMOTE RECEIVER AND CELL}$

FIG. 7B



**FIG. 8A**

	SYSTEM A		SYSTEM B
1	218.03125 MHz	16	218.53125 MHz
2	218.0625	17	218.5625
3	218.09375	18	218.59375
4	218.125	19	218.625
5	218.15625	20	218.65625
6	218.1875	21	218.6875
7	218.21875	22	218.75875
8	218.25	23	218.75
9	218.28125	24	218.78125
10	218.3125	25	218.8125
11	218.34375	26	218.84375
12	218.375	27	218.875
13	218.40625	28	218.90625
14	218.4375	29	218.9375
15	218.46875	30	218.96875

**FIG. 8B**

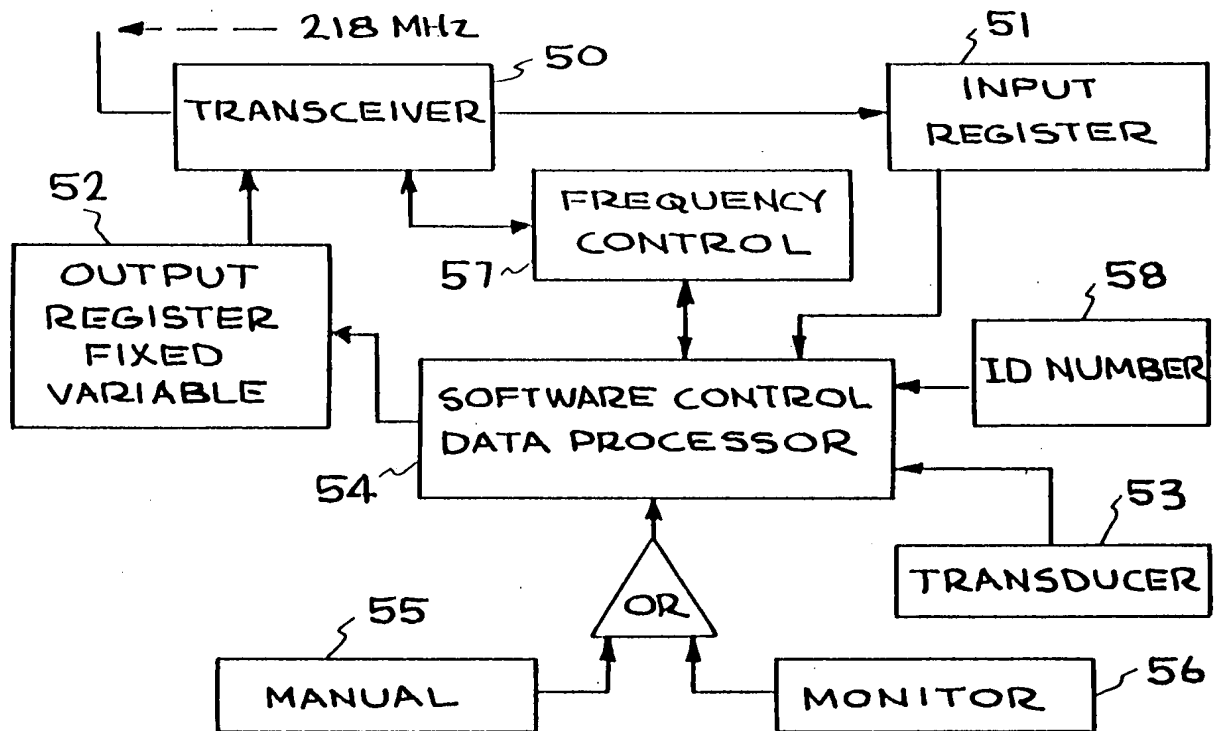


FIG. 9A

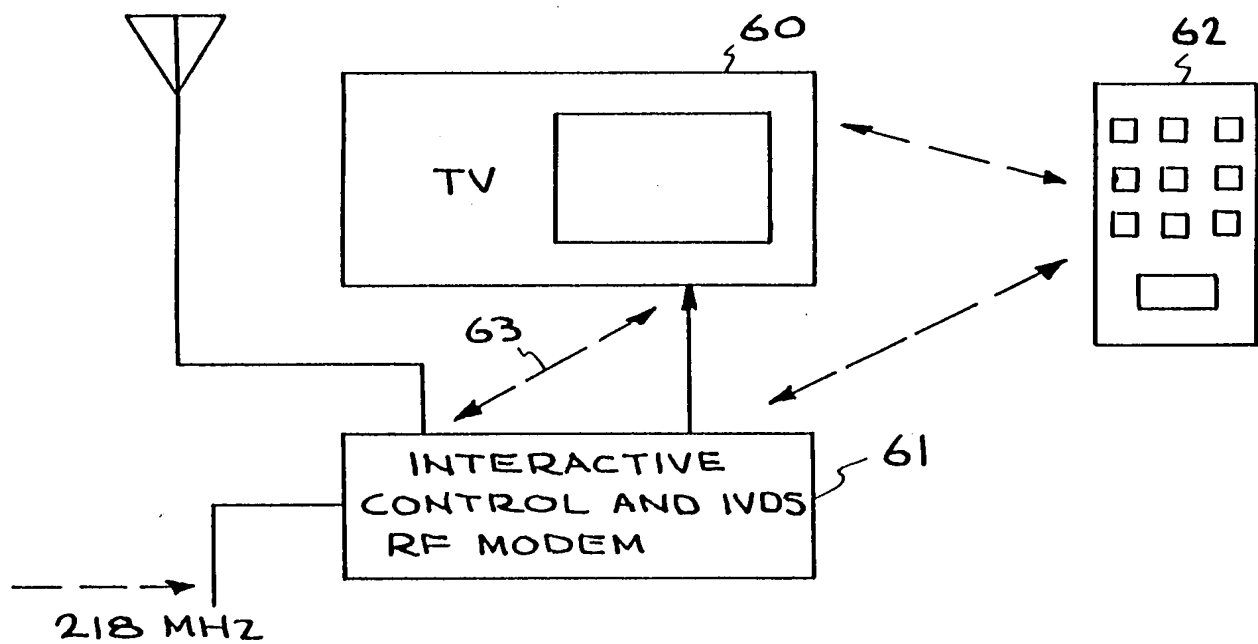


FIG. 9B